

# Occupational Projections for Southwest Wisconsin, 2003-2005

SOC Code	Occupational Title	Est. employment		Change		Annual average			Typical education or training path	Annual average wage	Middle 50 percent hourly wage range
		2003	2005	Numeric	Percent	New Jobs	Replacements	Total Openings			
<b>00-0000</b>	<b>Total, All Occupations</b>	<b>117,140</b>	<b>119,540</b>	<b>2,400</b>	<b>2.05%</b>	<b>1,200</b>	<b>2,980</b>	<b>4,180</b>		<b>\$31,161</b>	<b>\$8.88 - 18.8</b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>4,370</b>	<b>4,520</b>	<b>150</b>	<b>3.43%</b>	<b>70</b>	<b>70</b>	<b>140</b>		<b>\$65,400</b>	<b>\$18.13 - 40.33</b>
11-1011	Chief Executives	190	200	10	5.26%	<5	<5	<5	Bachelor's or higher degree, plus work exp.	\$131,703	\$38.55 -
11-1021	General/Operations Mgrs	1,170	1,210	40	3.42%	20	20	40	Bachelor's or higher degree, plus work exp.	\$71,795	\$20.12 - 41.59
11-1031	Legislators	*	*	*	*	<5	<5	<5	Bachelor's or higher degree, plus work exp.		
11-2011	Advertising/Promotions Mgrs	60	60	0	0.00%	<5	<5	<5	Bachelor's or higher degree, plus work exp.	\$51,676	\$14.67 - 33.42
11-2021	Marketing Mgrs	70	80	10	14.29%	<5	<5	<5	Bachelor's or higher degree, plus work exp.	\$65,218	\$23.7 - 37.05
11-2022	Sales Mgrs	190	210	20	10.53%	10	<5	10	Bachelor's or higher degree, plus work exp.	\$82,825	\$26.01 - 53.07
11-2031	Public Relations Mgrs	30	30	0	0.00%	<5	<5	<5	Bachelor's or higher degree, plus work exp.	\$52,243	\$19.57 - 28.97
11-3011	Admin Services Mgrs	140	140	0	0.00%	<5	<5	<5	Bachelor's or higher degree, plus work exp.	\$64,032	\$22.89 - 36.09
11-3021	Computer/Info Systems Mgrs	150	160	10	6.67%	<5	<5	<5	Bachelor's or higher degree, plus work exp.	\$71,928	\$28.47 - 41.9
11-3031	Financial Mgrs	250	260	10	4.00%	10	<5	10	Bachelor's or higher degree, plus work exp.	\$76,239	\$26.04 - 44.34
11-3040	Human Resources Mgrs	100	110	10	10.00%	<5	<5	<5	Bachelor's or higher degree, plus work exp.	\$56,969	\$19.58 - 36.14
11-3051	Industrial Production Mgrs	210	220	10	4.76%	<5	<5	<5	Bachelor's degree	\$74,552	\$25.81 - 44.3
11-3061	Purchasing Mgrs	70	70	0	0.00%	<5	<5	<5	Bachelor's or higher degree, plus work exp.	\$66,397	\$25.7 - 39.77
11-3071	Trans/Storage/Dist Mgrs	70	70	0	0.00%	<5	<5	<5	Work experience in a related occupation	\$79,821	\$25.02 - 42.27
11-9011	Farm/Ranch/Other Ag Mgrs	0	0	0	#DIV/0!	<5	<5	<5	Bachelor's or higher degree, plus work exp.	\$51,407	\$13.92 - 38.79
11-9021	Const Mgrs	90	90	0	0.00%	<5	<5	<5	Bachelor's degree	\$77,350	\$24.53 - 44.55
11-9031	Care	70	70	0	0.00%	<5	<5	<5	Bachelor's or higher degree, plus work exp.	\$56,377	\$13.2 - 42.64
11-9032	Ed Admin, Elem. & Secondary School	180	190	10	5.56%	<5	<5	<5	Bachelor's or higher degree, plus work exp.	\$72,071	
11-9033	Education Administrators, Postsecondary	140	140	0	0.00%	<5	<5	<5	Bachelor's or higher degree, plus work exp.	\$59,546	\$19.58 - 36.38
11-9039	Education Administrators, All Other	*	*	*	*	<5	<5	<5	Bachelor's or higher degree, plus work exp.		
11-9041	Engineering Mgrs	140	150	10	7.14%	<5	<5	<5	Bachelor's or higher degree, plus work exp.	\$87,563	\$33.92 - 47.77
11-9051	Food Service Mgrs	180	190	10	5.56%	<5	<5	<5	Work experience in a related occupation	\$30,021	\$11.85 - 16.9
11-9061	Funeral Directors	30	30	0	0.00%	<5	<5	<5	Associate degree	\$48,305	\$16.54 - 27.36
11-9071	Gaming Mgrs	*	*	*	*	<5	<5	<5	Work experience in a related occupation		
11-9081	Lodging Mgrs	*	*	*	*	<5	<5	<5	Work experience in a related occupation		
11-9111	Medical/Health Services Mgrs	170	180	10	5.88%	<5	<5	<5	Bachelor's or higher degree, plus work exp.	\$64,283	\$21.01 - 32.87
11-9121	Natural Sciences Mgrs	*	*	*	*	<5	<5	<5	Bachelor's or higher degree, plus work exp.		
11-9131	Postmasters/Mail Superintendents	30	30	0	0.00%	<5	<5	<5	Work experience in a related occupation	\$48,514	\$19.9 - 26.44
11-9141	Prop/RE/Community Assoc Mgrs	*	*	*	*	<5	<5	<5	Bachelor's degree		
11-9151	Social/Community Service Mgrs	90	90	0	0.00%	<5	<5	<5	Bachelor's degree	\$42,215	\$16.23 - 23.81
11-9199	Mgrs All Other	170	170	0	0.00%	<5	<5	<5	Work experience in a related occupation	\$70,623	\$26.27 - 42.33
<b>13-0000</b>	<b>Business/Financial Operations Occs</b>	<b>2,830</b>	<b>2,930</b>	<b>100</b>	<b>3.53%</b>	<b>50</b>	<b>50</b>	<b>100</b>		<b>\$41,078</b>	<b>\$12.19 - 25.79</b>
13-1011	Agents/Bus Mgrs Artsts/Prfrms/Ath	*	*	*	*	<5	<5	<5	Bachelor's or higher degree, plus work exp.		
13-1021	Purch Agents/Buyers Farm Prod	30	30	0	0.00%	<5	<5	<5	Work experience in a related occupation	\$34,761	\$14.89 - 17.79
13-1022	Whole/Retail Buyers Ex Farm Prod	130	130	0	0.00%	<5	<5	<5	Bachelor's degree	\$36,165	\$9.57 - 24.94
13-1023	Purch Agents Ex Whole/Retail/Farm	240	250	10	4.17%	10	10	20	Bachelor's degree	\$46,408	\$15.91 - 27.61
13-1031	Claims Adjust/Exam/Investigators	60	60	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$34,651	\$9.28 - 23.91
13-1032	Insurance Appraisers Auto Damage	*	*	*	*	<5	<5	<5	Long-term on-the-job training		

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		2003	2005	Numeric	Percent	New Jobs	Replacements	Total Openings			
13-1041	Compl Offc Ex Ag/Cnst/Hlth/Sfty/Tr	80	80	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$53,495	\$18.98 - 32.5
13-1051	Cost Estimators	150	160	10	6.67%	<5	<5	<5	Bachelor's degree	\$42,167	\$15.28 - 24.81
13-1061	Emergency Mgmt Specialists	20	20	0	0.00%	<5	<5	<5	Work experience in a related occupation	\$39,726	\$16.56 - 22.85
13-1071	Empl/Recruit/Placement Specialists	120	130	10	8.33%	<5	<5	<5	Bachelor's degree	\$30,093	\$11.87 - 15.13
13-1072	Compen/Benefits/Job Specialists	60	60	0	0.00%	<5	<5	<5	Bachelor's degree	\$46,642	\$18.71 - 26.32
13-1073	Training/Development Specialists	120	130	10	8.33%	<5	<5	<5	Bachelor's degree	\$44,527	\$15.6 - 26.61
13-1111	Management Analysts	110	110	0	0.00%	<5	<5	<5	Bachelor's or higher degree, plus work exp.	\$64,411	\$21.02 - 39.02
13-1121	Meeting/Convention Planners	30	30	0	0.00%	<5	<5	<5	Bachelor's degree	\$36,379	\$13.06 - 20.81
13-1199	Business Oper Specialists/All Other	590	610	20	3.39%	10	10	20	Bachelor's degree	\$34,768	\$6.33 - 24.71
13-2011	Accountants/Auditors	630	640	10	1.59%	<5	10	10	Bachelor's degree	\$46,833	\$13.73 - 27.47
13-2021	Appraisers/Assessors Real Estate	40	40	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$47,611	\$17.3 - 27.18
13-2031	Budget Analysts	20	20	0	0.00%	<5	<5	<5	Bachelor's degree	\$44,741	\$13.85 - 27.64
13-2041	Credit Analysts	30	30	0	0.00%	<5	<5	<5	Bachelor's degree	\$35,189	\$14.33 - 17.98
13-2051	Financial Analysts	30	40	10	33.33%	<5	<5	<5	Bachelor's degree	\$75,183	\$19.7 - 47.67
13-2052	Personal Financial Advisors	40	40	0	0.00%	<5	<5	<5	Bachelor's degree	\$41,957	\$14.76 - 21.36
13-2053	Insurance Underwriters	20	20	0	0.00%	<5	<5	<5	Bachelor's degree	\$35,129	\$13.24 - 18.06
13-2061	Financial Examiners	*	*	*	*	<5	<5	<5	Bachelor's degree		
13-2071	Loan Counselors	*	*	*	*	<5	<5	<5	Bachelor's degree		
13-2072	Loan Officers	210	210	0	0.00%	<5	<5	<5	Bachelor's degree	\$46,488	\$16.1 - 27.45
13-2081	Tax Exam/Collctr/Revenue Agents	20	20	0	0.00%	<5	<5	<5	Bachelor's degree	\$35,450	\$12.8 - 20.41
13-2082	Tax Preparers	30	30	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$27,683	\$8.43 - 16.68
13-2099	Financial Specialists/All Other	*	*	*	*	<5	<5	<5	Bachelor's degree		
<b>15-0000</b>	<b>Computer &amp; Mathematical Occupations</b>	<b>1,360</b>	<b>1,420</b>	<b>60</b>	<b>4.41%</b>	<b>30</b>	<b>20</b>	<b>50</b>		<b>\$51,172</b>	<b>\$18.73 - 30.26</b>
15-1011	Computer/Info Scientists/Research	*	*	*	*	<5	<5	<5	Doctoral degree		
15-1021	Computer Programmers	240	250	10	4.17%	<5	10	10	Bachelor's degree	\$57,414	\$22.81 - 32.35
15-1031	Computer Software Engrns Apps	120	130	10	8.33%	<5	<5	<5	Bachelor's degree	\$66,959	\$26.37 - 38.39
15-1032	Computer Soft Engrns Systms Soft	*	*	*	*	<5	<5	<5	Bachelor's degree		
15-1041	Computer Support Specialists	280	290	10	3.57%	<5	<5	<5	Associate degree	\$35,223	\$12.15 - 20.63
15-1051	Computer Systems Analysts	320	340	20	6.25%	10	<5	10	Bachelor's degree	\$55,038	\$20.34 - 31.63
15-1061	Database Administrators	50	50	0	0.00%	<5	<5	<5	Bachelor's degree	\$58,665	\$19.29 - 37.37
15-1071	Network/Computer Systems Admin	150	160	10	6.67%	<5	<5	<5	Bachelor's degree	\$47,215	\$18.71 - 26.6
15-1081	Network Systms/Data Comm Analysts	80	80	0	0.00%	<5	<5	<5	Bachelor's degree	\$44,978	\$18.72 - 24.9
15-1099	Computer Specialists/All Other	60	60	0	0.00%	<5	<5	<5	Associate degree	\$52,192	\$13.13 - 32.37
15-2011	Actuaries	*	*	*	*	<5	<5	<5	Bachelor's or higher degree, plus work exp.		
15-2031	Operations Research Analysts	20	20	0	0.00%	<5	<5	<5	Master's degree	\$66,388	\$27.84 - 35.73
15-2041	Statisticians	*	*	*	*	<5	<5	<5	Master's degree		
15-2099	Math Science Occs/All Other	*	*	*	*	<5	<5	<5	Master's degree		
<b>17-0000</b>	<b>Architecture/Engineering Occupations</b>	<b>1,650</b>	<b>1,690</b>	<b>40</b>	<b>2.42%</b>	<b>20</b>	<b>40</b>	<b>60</b>		<b>\$52,348</b>	<b>\$18.57 - 31.1</b>
17-1011	Architects/Ex Landscape/Naval	30	30	0	0.00%	<5	<5	<5	Bachelor's degree	\$40,246	\$14.03 - 23.82
17-1012	Landscape Architects	*	*	*	*	<5	<5	<5	Bachelor's degree		

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17-1021	Cartographers/Photogrammetrists	*	*	*	*	<5	<5	<5	Bachelor's degree		
17-1022	Surveyors	20	20	0	0.00%	<5	<5	<5	Bachelor's degree	\$44,535	\$15.69 - 25.91
17-2011	Aerospace Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree		
17-2031	Biomedical Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree		
17-2041	Chemical Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree		
17-2051	Civil Engineers	90	80	-10	-11.11%	<5	<5	<5	Bachelor's degree	\$56,852	\$23.35 - 31.96
17-2061	Computer Hardware Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree		
17-2071	Electrical Engineers	100	100	0	0.00%	<5	<5	<5	Bachelor's degree	\$67,283	\$26.11 - 37.95
17-2072	Electronics Engineers/Ex Computer	*	*	*	*	<5	<5	<5	Bachelor's degree		
17-2081	Environmental Engineers	20	20	0	0.00%	<5	<5	<5	Bachelor's degree	\$59,478	\$28.13 - 33.17
17-2111	Health/Safety Engineers/Ex Mining	10	20	10	100.00%	<5	<5	<5	Bachelor's degree	\$53,146	\$20.84 - 31.46
17-2112	Industrial Engineers	190	200	10	5.26%	<5	10	10	Bachelor's degree	\$65,328	\$25.06 - 34.45
17-2121	Marine Engineers/Naval Architects	*	*	*	*	<5	<5	<5	Bachelor's degree		
17-2131	Materials Engineers	40	40	0	0.00%	<5	<5	<5	Bachelor's degree	\$52,729	\$20.97 - 28.89
17-2141	Mechanical Engineers	330	340	10	3.03%	<5	10	10	Bachelor's degree	\$57,891	\$22.62 - 33.13
17-2161	Nuclear Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree		
17-2199	Engineers/All Other*	90	100	10	11.11%	<5	<5	<5	Bachelor's degree	\$56,431	\$23.81 - 30.64
17-3011	Architectural/Civil Drafters	*	*	*	*	<5	<5	<5	Postsecondary vocational training		
17-3012	Electrical/Electronics Drafters	40	40	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$46,116	\$16.32 - 27.91
17-3013	Mechanical Drafters	140	140	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$39,424	\$13.99 - 22.73
17-3022	Civil Engineering Techs	50	50	0	0.00%	<5	<5	<5	Associate degree	\$37,038	\$12.25 - 22.91
17-3023	Electrical/Electronic Engrng Techs	100	110	10	10.00%	<5	<5	<5	Associate degree	\$41,058	\$16.24 - 23.57
17-3024	Electro-Mechanical Techs	60	70	10	16.67%	<5	<5	<5	Associate degree	\$39,894	\$14.13 - 24.84
17-3025	Environmental Engineering Techs	*	*	*	*	<5	<5	<5	Associate degree		
17-3026	Industrial Engineering Techs	70	80	10	14.29%	<5	<5	<5	Associate degree	\$46,101	\$16.94 - 27.13
17-3027	Mechanical Engineering Techs	80	90	10	12.50%	<5	<5	<5	Associate degree	\$39,550	\$15.15 - 21.77
17-3031	Surveying/Mapping Techs	20	20	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$27,421	\$10.47 - 15.71
17-3099 <sup>(7)</sup>	Drafters/Engrng/Map Techs AO	*	*	*	*	<5	<5	<5	Associate degree		
<b>19-0000</b>	<b>Life, Physical, and Social Science Occs</b>	<b>880</b>	<b>900</b>	<b>20</b>	<b>2.27%</b>	<b>10</b>	<b>20</b>	<b>30</b>		<b>\$46,206</b>	<b>\$16.12 - 26.11</b>
19-1010	Ag/Food Scientists	40	40	0	0.00%	<5	<5	<5	Bachelor's degree	\$66,142	\$22.88 - 41.97
19-1021	Biochemists/Biophysicists	*	*	*	*	<5	<5	<5	Doctoral degree		
19-1022	Microbiologists	*	*	*	*	<5	<5	<5	Doctoral degree		
19-1023	Zoologists/Wildlife Biologists	*	*	*	*	<5	<5	<5	Doctoral degree		
19-1031	Conservation Scientists	20	20	0	0.00%	<5	<5	<5	Bachelor's degree	\$45,479	\$17.79 - 25.53
19-1032	Foresters	*	*	*	*	<5	<5	<5	Bachelor's degree		
19-1041	Epidemiologists	*	*	*	*	<5	<5	<5	Master's degree		
19-1042	Med Scientists Ex Epidemiologists	*	*	*	*	<5	<5	<5	Doctoral degree		
19-1099	Life Scientists/All Other	*	*	*	*	<5	<5	<5	Bachelor's degree		
19-2011	Astronomers	*	*	*	*	<5	<5	<5	Doctoral degree		
19-2012	Physicists	*	*	*	*	<5	<5	<5	Doctoral degree		

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19-2021	Atmospheric and Space Scientists	*	*	*	*	<5	<5	<5	Bachelor's degree		
19-2031	Chemists	*	*	*	*	<5	<5	<5	Bachelor's degree		
19-2032	Materials Scientists	*	*	*	*	<5	<5	<5	Bachelor's degree		
19-2041	Environ Sci/Specialists/Incl Health	30	30	0	0.00%	<5	<5	<5	Master's degree	\$49,123	\$22.77 - 26.45
19-2042	Geoscien Ex Hydrolog/Geograph	*	*	*	*	<5	<5	<5	Master's degree		
19-2043	Hydrologists	*	*	*	*	<5	<5	<5	Master's degree		
19-2099	Physical Scientists/All Other	*	*	*	*	<5	<5	<5	Bachelor's degree		
19-3011	Economists	*	*	*	*	<5	<5	<5	Master's degree		
19-3021	Market Research Analysts	100	100	0	0.00%	<5	<5	<5	Master's degree	\$57,919	\$17 - 34.34
19-3022	Survey Researchers	*	*	*	*	<5	<5	<5	Master's degree		
19-3031	Clinical/Counseling/School Psych	120	120	0	0.00%	<5	<5	<5	Doctoral degree	\$50,993	\$16.83 - 27.92
19-3041	Sociologists	*	*	*	*	<5	<5	<5	Master's degree		
19-3051	Urban/Regional Planners	30	30	0	0.00%	<5	<5	<5	Master's degree	\$47,702	\$19.36 - 26.44
19-3092	Geographers	*	*	*	*	<5	<5	<5	Master's degree		
19-3093	Historians	*	*	*	*	<5	<5	<5	Master's degree		
19-3094	Political Scientists	*	*	*	*	<5	<5	<5	Master's degree		
19-3099	Social Scientists/Related Wrks AO	60	60	0	0.00%	<5	<5	<5	Master's degree	\$50,353	\$22.93 - 26.14
19-4011	Ag/Food Science Techs	40	40	0	0.00%	<5	<5	<5	Associate degree	\$29,456	\$9.83 - 17.77
19-4021	Biological Techs	30	30	0	0.00%	<5	<5	<5	Associate degree	\$32,507	\$12.05 - 19.34
19-4031	Chemical Techs	50	50	0	0.00%	<5	<5	<5	Associate degree	\$45,315	\$15.55 - 20.4
19-4041	Geological/Petroleum Techs	*	*	*	*	<5	<5	<5	Associate degree		
19-4091	Envir Sci/Protect Techs Incl Health	10	20	10	100.00%	<5	<5	<5	Associate degree	\$38,258	\$15.52 - 21.22
19-4093	Forest/Conservation Techs	*	*	*	*	<5	<5	<5	Associate degree		
19-4099	AO	90	90	0	0.00%	<5	<5	<5	Associate degree	\$33,526	\$13.11 - 18.63
<b>21-0000</b>	<b>Occupations</b>	<b>1,780</b>	<b>1,830</b>	<b>50</b>	<b>2.81%</b>	<b>20</b>	<b>30</b>	<b>50</b>		<b>\$39,415</b>	<b>\$14.28 - 22.59</b>
21-1011	Sub Abuse/Behavior Disordr Cnslrs	30	40	10	33.33%	<5	<5	<5	Master's degree	\$43,864	\$17.81 - 23.33
21-1012	Ed+B585/Vocational/School Counselors	160	160	0	0.00%	<5	<5	<5	Master's degree	\$48,645	\$16.12 - 28.86
21-1013	Marriage/Family Therapists	20	20	0	0.00%	<5	<5	<5	Master's degree	\$43,409	\$17.53 - 26.07
21-1014	Mental Health Counselors	50	50	0	0.00%	<5	<5	<5	Master's degree	\$45,428	\$12.78 - 30.87
21-1015	Rehabilitation Counselors	70	70	0	0.00%	<5	<5	<5	Master's degree	\$29,073	\$9.46 - 18.71
21-1021	Child/Family/School Social Wrks	280	280	0	0.00%	<5	<5	<5	Master's degree	\$40,318	\$15.52 - 23.12
21-1022	Medical/Public Health Social Wrks	90	100	10	11.11%	<5	<5	<5	Master's degree	\$37,283	\$15.57 - 20.1
21-1023	Mental Hlth/Sub Abuse Social Wrks	*	*	*	*	<5	<5	<5	Master's degree		
21-1091	Health Educators	30	30	0	0.00%	<5	<5	<5	Master's degree	\$43,015	\$16.23 - 25.28
21-1092	Prob Offcrs/Correctnl Treat Spclsts	*	*	*	*	<5	<5	<5	Bachelor's degree		
21-1093	Social/Human Service Assts	300	320	20	6.67%	10	10	20	Moderate-term on-the-job training	\$27,047	\$10.96 - 15.28
21-2011	Clergy	*	*	*	*	<5	10	10	Master's degree		
21-2021	Directors/Religious Activities/Ed	*	*	*	*	<5	<5	<5	Bachelor's degree		
21-9099 <sup>(7)</sup>	Counsel/Social/Religious Wrks AO	190	190	0	0.00%	<5	<5	<5	Bachelor's degree	\$27,051	\$11.75 - 13.77
<b>23-0000</b>	<b>Legal Occupations</b>	<b>380</b>	<b>390</b>	<b>10</b>	<b>2.63%</b>	<b>10</b>	<b>&lt;5</b>	<b>10</b>		<b>\$66,726</b>	<b>\$13.47 - 34.84</b>

# Occupational Projections for Southwest Wisconsin, 2003-2005

SOC Code	Occupational Title	Est. employment		Change		Annual average			Typical education or training path	Annual average wage	Middle 50 percent hourly wage range
		2003	2005	Numeric	Percent	New Jobs	Replacements	Total Openings			
23-1011	Lawyers	230	230	0	0.00%	<5	<5	<5	First professional degree	\$91,587	\$25.01 - 50.65
23-1021	Admin Law Jdgs/Adjudic/Hrng Offcr	*	*	*	*	<5	<5	<5	Bachelor's or higher degree, plus work exp.		
23-1022	Arbitrators/Mediators/Conciliators	*	*	*	*	<5	<5	<5	Bachelor's or higher degree, plus work exp.		
23-1023	Jdgs/Magistrate Jdgs/Magistrates	10	10	0	0.00%	<5	<5	<5	Bachelor's or higher degree, plus work exp.	\$137,918	\$40.22 -
23-2011	Paralegals/Legal Assts	80	80	0	0.00%	<5	<5	<5	Associate degree	\$30,833	\$13.19 - 16.93
23-2091	Court Reporters	*	*	*	*	<5	<5	<5	Postsecondary vocational training		
23-2092	Law Clerks	*	*	*	*	<5	<5	<5	Bachelor's degree		
23-2093	Title Exam/Abstractors/Searchers	20	20	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$31,400	\$10.5 - 16.07
23-9099 <sup>(7)</sup>	Legal/Rel Wrkrs/All Other	*	*	*	*	<5	<5	<5	Bachelor's degree		
<b>25-0000</b>	<b>Ed, Training, &amp; Library Occupations</b>	<b>7,180</b>	<b>7,310</b>	<b>130</b>	<b>1.81%</b>	<b>70</b>	<b>140</b>	<b>210</b>		<b>\$35,782</b>	<b>\$10.88 - 22.28</b>
25-1011	Business Teachers/Postsec	70	70	0	0.00%	<5	<5	<5	Doctoral degree	\$54,262	
25-1021	Computer Science Teachers Ps	30	30	0	0.00%	<5	<5	<5	Doctoral degree	\$52,044	
25-1022	Mathematical Science Teachers Ps	40	40	0	0.00%	<5	<5	<5	Doctoral degree	\$50,469	
25-1031	Architecture Teachers/Postsec	*	*	*	*	<5	<5	<5	Doctoral degree		
25-1032	Engineering Teachers/Postsec	20	20	0	0.00%	<5	<5	<5	Doctoral degree	\$61,270	
25-1041	Ag Sciences Teachers/Postsec	10	10	0	0.00%	<5	<5	<5	Doctoral degree	\$48,088	
25-1042	Biological Science Teachers Ps	30	30	0	0.00%	<5	<5	<5	Doctoral degree	\$51,853	
25-1043	Forestry/Cons Sci Teachers Ps	*	*	*	*	<5	<5	<5	Doctoral degree		
25-1051	Atmos/Erth/Marin/Space Sci Tch Ps	*	*	*	*	<5	<5	<5	Doctoral degree		
25-1052	Chemistry Teachers/Postsec	10	10	0	0.00%	<5	<5	<5	Doctoral degree	\$50,145	
25-1053	Environmental Sci TeachersPs	*	*	*	*	<5	<5	<5	Doctoral degree		
25-1054	Physics Teachers/Postsec	10	10	0	0.00%	<5	<5	<5	Doctoral degree	\$53,713	
25-1061	Anthropology/Archeology Tchrs Ps	*	*	*	*	<5	<5	<5	Doctoral degree		
25-1062	Area/Ethnic/Cultur Studies Tchrs Ps	*	*	*	*	<5	<5	<5	Doctoral degree		
25-1063	Economics Teachers/Postsec	10	10	0	0.00%	<5	<5	<5	Doctoral degree	\$68,820	
25-1064	Geography Teachers/Postsec	*	*	*	*	<5	<5	<5	Doctoral degree		
25-1065	Political Science Teachers/Postsec	*	*	*	*	<5	<5	<5	Doctoral degree		
25-1066	Psychology Teachers/Postsec	20	20	0	0.00%	<5	<5	<5	Doctoral degree	\$45,701	
25-1067	Sociology Teachers/Postsec	10	20	10	100.00%	<5	<5	<5	Doctoral degree	\$51,657	
25-1071	Health Specialties Teachers Ps	*	*	*	*	<5	<5	<5	Master's degree		
25-1072	Nursing Instructors/Teachers Ps	*	*	*	*	<5	<5	<5	Doctoral degree		
25-1081	Ed Teachers/Postsec	50	60	10	20.00%	<5	<5	<5	Doctoral degree	\$45,846	
25-1082	Library Science Teachers/Postsec	*	*	*	*	<5	<5	<5	Doctoral degree		
25-1111	Crim Jus/Law Enforce Tchrs Ps	10	10	0	0.00%	<5	<5	<5	Doctoral degree	\$52,638	
25-1112	Law Teachers/Postsec	*	*	*	*	<5	<5	<5	Doctoral degree		
25-1113	Social Work Teachers/Postsec	*	*	*	*	<5	<5	<5	Doctoral degree		
25-1121	Art/Drama/Music Teachers/Postsec	70	70	0	0.00%	<5	<5	<5	Master's degree	\$38,305	
25-1122	Communications Teachers Ps	*	*	*	*	<5	<5	<5	Doctoral degree		
25-1123	English Language/Lit Teachers/Ps	40	50	10	25.00%	<5	<5	<5	Doctoral degree	\$46,325	
25-1124	Foreign Language/Lit Teachers/Ps	*	*	*	*	<5	<5	<5	Doctoral degree		

# Occupational Projections for Southwest Wisconsin, 2003-2005

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25-1125	History Teachers/Postsec	20	20	0	0.00%	<5	<5	<5	Doctoral degree	\$48,977	
25-1126	Philosophy/Religion Teachers/Ps	*	*	*	*	<5	<5	<5	Doctoral degree		
25-1191	Graduate Teaching Assts	*	*	*	*	<5	<5	<5	Bachelor's degree		
25-1192	Home Economics Teachers/Postsec	*	*	*	*	<5	<5	<5	Doctoral degree		
25-1193	Rec/Fitness Studies Teachers/Ps	*	*	*	*	<5	<5	<5	Master's degree		
25-1194	Vocational Ed Teachers/Postsec	*	*	*	*	<5	<5	<5	Work experience in a related occupation		
25-1199	Postsec Teachers/All Other	*	*	*	*	<5	<5	<5	Doctoral degree		
25-2011	Preschool Teachers/Ex Special Ed	400	410	10	2.50%	10	<5	10	Bachelor's degree	\$19,741	\$7.4 - 10.56
25-2012	Kindergarten Tchrs Ex Special Ed	160	160	0	0.00%	<5	<5	<5	Bachelor's degree	\$29,051	
25-2021	Elemen Schl Tchrs Ex Special Ed	1,210	1,210	0	0.00%	<5	20	20	Bachelor's degree	\$35,959	
25-2022	Middle School Tchrs/Ex Sp./Voc Ed	730	720	-10	-1.37%	<5	10	10	Bachelor's degree	\$40,892	
25-2023	Vocational Ed Tchrs/Middle School	20	20	0	0.00%	<5	<5	<5	Bachelor's degree	\$43,633	
25-2031	Secondary Schl Tchrs Ex Sp/Voc Ed	1,010	1,020	10	0.99%	<5	30	30	Bachelor's degree	\$38,378	
25-2032	Voc Ed Teachers/Secondary Schl	100	100	0	0.00%	<5	<5	<5	Bachelor's degree	\$39,252	
25-2041	Sp Ed Tchrs/Presch/Kind/Elem Schl	160	170	10	6.25%	<5	<5	<5	Bachelor's degree	\$41,674	
25-2042	Special Ed Teachers/Middle School	80	80	0	0.00%	<5	<5	<5	Bachelor's degree	\$41,833	
25-2043	Special Ed Teachers/Sec Schl	100	110	10	10.00%	<5	<5	<5	Bachelor's degree	\$39,685	
25-3011	Adult Liter/Rem Ed/GED Tchrs/Inst	40	40	0	0.00%	<5	<5	<5	Bachelor's degree	\$44,579	\$14.25 - 28.57
25-3021	Self-Enrichment Ed Teachers	150	160	10	6.67%	<5	<5	<5	Work experience in a related occupation	\$27,715	\$10.92 - 15.42
25-3999 <sup>(7)</sup>	Tchrs/Prim/Sec/Adult/All Other	320	340	20	6.25%	10	<5	10	Bachelor's degree	\$24,704	
25-4010	Archivists/Curators/Museum Techs	*	*	*	*	<5	<5	<5	Master's degree		
25-4021	Librarians	150	150	0	0.00%	<5	<5	<5	Master's degree	\$42,947	\$16.05 - 25.04
25-4031	Library Techs	120	120	0	0.00%	<5	10	10	Short-term on-the-job training	\$21,870	\$8.34 - 12.57
25-9011	Audio-Visual Collections Specialists	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
25-9021	Farm/Home Management Advisors	*	*	*	*	<5	<5	<5	Bachelor's degree		
25-9031	Instructional Coordinators	60	60	0	0.00%	<5	<5	<5	Master's degree	\$50,050	\$17.23 - 31.9
25-9041	Teacher Assts	1,040	1,050	10	0.96%	10	20	30	Associate degree	\$19,265	
25-9199 <sup>(7)</sup>	Libr/Mus/Trng/Other Ed Wrks/AO	*	*	*	*	<5	<5	<5	Bachelor's degree		
<b>27-0000</b>	<b>Arts/Design/Entertainment/Sports/Media</b>	<b>1,350</b>	<b>1,370</b>	<b>20</b>	<b>1.48%</b>	<b>10</b>	<b>30</b>	<b>40</b>		<b>\$29,725</b>	<b>\$8.82 - 17.38</b>
27-1011	Art Directors	*	*	*	*	<5	<5	<5	Bachelor's or higher degree, plus work exp.		
27-1013	Fine Artists/Incl Pntrs/Sculptrs/Illstrs	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
27-1014	Multi-Media Artists/Animators	*	*	*	*	<5	<5	<5	Bachelor's degree		
27-1021	Commercial/Industrial Designers	30	30	0	0.00%	<5	<5	<5	Bachelor's degree	\$45,609	\$10.93 - 31.7
27-1023	Floral Designers	70	70	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$19,515	\$8.09 - 10.61
27-1024	Graphic Designers	120	120	0	0.00%	<5	<5	<5	Bachelor's degree	\$32,036	\$10.74 - 19.68
27-1025	Interior Designers	30	30	0	0.00%	<5	<5	<5	Bachelor's degree	\$25,846	\$8.5 - 15.3
27-1026	Merch Display/Window Trimmers	50	50	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$30,873	\$10.99 - 17.78
27-1027	Set/Exhibit Designers	*	*	*	*	<5	<5	<5	Bachelor's degree		
27-1099 <sup>(7)</sup>	Art/Design Wrks/All Other	*	*	*	*	<5	<5	<5	Bachelor's degree		
27-2011	Actors	*	*	*	*	<5	<5	<5	Long-term on-the-job training		

# Occupational Projections for Southwest Wisconsin, 2003-2005

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27-2012	Producers/Directors	30	30	0	0.00%	<5	<5	<5	Bachelor's or higher degree, plus work exp.	\$36,726	
27-2021	Athletes/Sports Competitors	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
27-2022	Coaches/Scouts	160	160	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$23,221	
27-2023	Umpires/Refs/Other Sports Officials	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
27-2031	Dancers	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
27-2032	Choreographers	*	*	*	*	<5	<5	<5	Work experience in a related occupation		
27-2041	Music Directors/Composers	*	*	*	*	<5	<5	<5	Bachelor's or higher degree, plus work exp.		
27-2042	Musicians/Singers	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
27-2099	Entnrns/Perfrmrs/Sports/Rel Wrk/AO	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
27-3010	Announcers	50	50	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$20,971	\$6.48 - 12.24
27-3020	News Analysts/Reprtrs/Correspond	60	60	0	0.00%	<5	<5	<5	Bachelor's or higher degree, plus work exp.	\$21,737	\$9.25 - 11.11
27-3031	Public Relations Specialists	130	130	0	0.00%	<5	<5	<5	Bachelor's degree	\$32,601	\$8.76 - 19.86
27-3041	Editors	90	90	0	0.00%	<5	<5	<5	Bachelor's degree	\$42,217	\$13.01 - 21.37
27-3042	Technical Writers	*	*	*	*	<5	<5	<5	Bachelor's degree		
27-3043	Writers/Authors	30	30	0	0.00%	<5	<5	<5	Bachelor's degree	\$40,732	\$14.58 - 25.06
27-3091	Interpreters/Translators	20	20	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$28,453	\$11.67 - 15.93
27-3099	Media/Communication Wrkrs/AO	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
27-4011	Audio/Video Equipment Techs	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
27-4012	Broadcast Techs	*	*	*	*	<5	<5	<5	Postsecondary vocational training		
27-4014	Sound Engineering Techs	*	*	*	*	<5	<5	<5	Postsecondary vocational training		
27-4021	Photographers	50	50	0	0.00%	<5	<5	<5	Bachelor's degree	\$34,303	\$10.64 - 21.36
27-4031	Camera Oprs/TV/Video/Motion Pict	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
27-4032	Film/Video Editors	*	*	*	*	<5	<5	<5	Bachelor's degree		
27-4099	Media/Comm Equipmnt Wrkrs/AO	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
<b>29-0000</b>	<b>Occs</b>	<b>5,470</b>	<b>5,690</b>	<b>220</b>	<b>4.02%</b>	<b>110</b>	<b>90</b>	<b>200</b>		<b>\$53,052</b>	<b>\$16.38 - 27.38</b>
29-1011	Chiropractors	30	30	0	0.00%	<5	<5	<5	First professional degree	\$119,025	\$33.24 -
29-1020	Dentists	100	100	0	0.00%	<5	<5	<5	First professional degree	\$154,005	\$47.83 -
29-1031	Dietitians/Nutritionists	40	50	10	25.00%	<5	<5	<5	Bachelor's degree	\$42,186	\$16.97 - 23.66
29-1041	Optometrists	10	10	0	0.00%	<5	<5	<5	First professional degree	\$80,404	\$31.63 - 48.21
29-1051	Pharmacists	160	170	10	6.25%	10	<5	10	First professional degree	\$78,025	\$28.86 - 42.95
29-1061	Anesthesiologists	*	*	*	*	<5	<5	<5	First professional degree		
29-1062	Family and General Practitioners	80	90	10	12.50%	<5	<5	<5	First professional degree	\$179,408	\$66.12 -
29-1063	Internists, General	*	*	*	*	<5	<5	<5	First professional degree		
29-1064	Obstetricians and Gynecologists	*	*	*	*	<5	<5	<5	First professional degree		
29-1065	Pediatricians, General	*	*	*	*	<5	<5	<5	First professional degree		
29-1066	Psychiatrists	10	10	0	0.00%	<5	<5	<5	First professional degree	\$142,021	\$46.97 -
29-1067	Surgeons	40	40	0	0.00%	<5	<5	<5	First professional degree	\$185,406	
29-1069	Physicians and Surgeons, All Other	*	*	*	*	<5	<5	<5	First professional degree		
29-1071	Physician Assts	50	50	0	0.00%	<5	<5	<5	Bachelor's degree	\$65,708	\$25.63 - 39.2
29-1081	Podiatrists	*	*	*	*	<5	<5	<5	First professional degree		

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29-1111	Registered Nurses	2,100	2,190	90	4.29%	50	40	90	Bachelor's degree <sup>(9)</sup>	\$49,535	\$20.7 - 27.04
29-1121	Audiologists	*	*	*	*	<5	<5	<5	Master's degree		
29-1122	Occupational Therapists	110	120	10	9.09%	<5	<5	<5	Bachelor's degree	\$48,063	\$16.6 - 27.74
29-1123	Physical Therapists	140	140	0	0.00%	<5	<5	<5	Master's degree	\$58,921	\$23.69 - 32.93
29-1124	Radiation Therapists	*	*	*	*	<5	<5	<5	Associate degree		
29-1125	Recreational Therapists	*	*	*	*	<5	<5	<5	Bachelor's degree		
29-1126	Respiratory Therapists	70	70	0	0.00%	<5	<5	<5	Associate degree	\$40,337	\$16.89 - 22.21
29-1127	Speech-Language Pathologists	100	100	0	0.00%	<5	<5	<5	Master's degree	\$50,880	\$19.4 - 29.8
29-1131	Veterinarians	60	60	0	0.00%	<5	<5	<5	First professional degree	\$55,384	\$23.44 - 28.27
29-1199	Hlth Diagnsng/Treatng Practtnrs/AO	30	30	0	0.00%	<5	<5	<5	First professional degree	\$180,766	
29-2011	Medical/Clinical Lab Technologists	120	130	10	8.33%	<5	<5	<5	Bachelor's degree	\$42,266	\$18 - 22.54
29-2012	Medical/Clinical Lab Techs	80	80	0	0.00%	<5	<5	<5	Associate degree	\$30,101	\$9.04 - 18.18
29-2021	Dental Hygienists	150	160	10	6.67%	<5	<5	<5	Associate degree	\$52,779	\$23.69 - 27.2
29-2031	Cardiovascular Technlgst/Techncns	30	30	0	0.00%	<5	<5	<5	Associate degree	\$26,784	\$9.34 - 15.58
29-2032	Diagnostic Medical Sonographers	30	40	10	33.33%	<5	<5	<5	Associate degree	\$54,844	\$23.16 - 30.97
29-2033	Nuclear Medicine Technologists	20	20	0	0.00%	<5	<5	<5	Associate degree	\$49,877	\$21.96 - 26.37
29-2034	Radiologic Technologists/Techs	170	170	0	0.00%	<5	<5	<5	Associate degree	\$36,843	\$15.02 - 20.54
29-2041	Emergency Med Techs/Paramedics	230	240	10	4.35%	<5	<5	<5	Postsecondary vocational training	\$20,746	\$8.62 - 10.72
29-2051	Dietetic Techs	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
29-2052	Pharmacy Techs	160	170	10	6.25%	<5	<5	<5	Moderate-term on-the-job training	\$22,735	\$9.58 - 12.56
29-2053	Psychiatric Techs	*	*	*	*	<5	<5	<5	Postsecondary vocational training		
29-2054	Respiratory Therapy Techs	*	*	*	*	<5	<5	<5	Postsecondary vocational training		
29-2055	Surgical Technologists	80	80	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$33,034	\$14.04 - 17.5
29-2056	Veterinary Technologists/Techs	50	60	10	20.00%	<5	<5	<5	Associate degree	\$22,403	\$9.3 - 11.81
29-2061	Licensed Pract/Vocational Nurses	500	520	20	4.00%	10	10	20	Postsecondary vocational training	\$32,321	\$13.59 - 17.18
29-2071	Medical Records/Health Info Techs	140	150	10	7.14%	10	<5	10	Associate degree	\$22,401	\$8.81 - 12.62
29-2081	Opticians/Dispensing	80	80	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$25,480	\$9.73 - 13.76
29-2091	Orthotists/Prosthetists	*	*	*	*	<5	<5	<5	Bachelor's degree		
29-9010	Occ Health/Safety Spec/Techs	30	30	0	0.00%	<5	<5	<5	Bachelor's degree	\$47,215	\$17.89 - 26.44
29-9091	Athletic Trainers	*	*	*	*	<5	<5	<5	Bachelor's degree		
29-9199 <sup>(7)</sup>	Health Prof/Techs, All Other (OES Only)	*	*	*	*	<5	<5	<5	Associate degree		
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>3,380</b>	<b>3,530</b>	<b>150</b>	<b>4.44%</b>	<b>80</b>	<b>50</b>	<b>130</b>		<b>\$20,766</b>	<b>\$8.38 - 11.16</b>
31-1011	Home Health Aides	510	550	40	7.84%	20	10	30	Short-term on-the-job training	\$18,876	\$7.97 - 10.05
31-1012	Nursing Aides/Orderlies/Attendants	1,750	1,800	50	2.86%	30	20	50	Short-term on-the-job training	\$20,054	\$8.29 - 10.85
31-1013	Psychiatric Aides	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
31-2011	Occupational Therapist Assts	20	20	0	0.00%	<5	<5	<5	Associate degree	\$27,066	\$10.34 - 15.54
31-2012	Occupational Therapist Aides	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
31-2021	Physical Therapist Assts	50	60	10	20.00%	<5	<5	<5	Associate degree	\$30,104	\$12.48 - 16.75
31-2022	Physical Therapist Aides	30	40	10	33.33%	<5	<5	<5	Short-term on-the-job training	\$21,225	\$8.61 - 11.28
31-9011	Massage Therapists	40	40	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$34,837	\$14.95 - 18.49



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		2003	2005	Numeric	Percent	New Jobs	Replacements	Total Openings			
31-9091	Dental Assts	230	240	10	4.35%	10	10	20	Moderate-term on-the-job training	\$23,066	\$9.57 - 12.67
31-9092	Medical Assts	240	260	20	8.33%	10	10	20	Moderate-term on-the-job training	\$22,417	\$9.53 - 11.52
31-9093	Medical Equipment Preparers	20	20	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$23,581	\$9.61 - 13.13
31-9094	Medical Transcriptionists	150	160	10	6.67%	<5	<5	<5	Postsecondary vocational training	\$25,916	\$10.85 - 14.04
31-9095	Pharmacy Aides	70	70	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$20,201	\$8.69 - 10.79
31-9096	Vet Assts/Lab Animal Caretakers	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
31-9099	Healthcare Support Wrkrs/All Other	200	210	10	5.00%	10	<5	10	Short-term on-the-job training	\$24,775	\$9.64 - 12.48
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>2,090</b>	<b>2,120</b>	<b>30</b>	<b>1.44%</b>	<b>20</b>	<b>70</b>	<b>90</b>		<b>\$32,509</b>	<b>\$8.82 - 21.1</b>
33-1011	First-Line Sup/Mgr of Corr Offcrs	*	*	*	*	<5	<5	<5	Work experience in a related occupation		
33-1012	First-Line Sup/Mgr of Police/Detect	70	70	0	0.00%	<5	<5	<5	Work experience in a related occupation	\$54,427	\$22.69 - 28.71
33-1021	F-L Sup/Mgr Fire Fght/Prevent Wrk	60	60	0	0.00%	<5	<5	<5	Work experience in a related occupation	\$38,704	\$9.05 - 26.12
33-1099	F-L Sups/Mgrs/Protect Srvc Wrk/AO	20	20	0	0.00%	<5	<5	<5	Work experience in a related occupation	\$37,421	\$10.62 - 23.78
33-2011	Fire Fighters	360	370	10	2.78%	<5	10	10	Long-term on-the-job training	\$29,668	\$6.83 - 21.91
33-2020 <sup>(8)</sup>	Fire Inspectors	10	10	0	0.00%	<5	<5	<5			
33-2021 <sup>(8)</sup>	Fire Inspectors and Investigators	(8)	(8)	(8)	(8)	(8)	(8)	(8)	Work experience in a related occupation		
33-2022 <sup>(8)</sup>	Specialists	(8)	(8)	(8)	(8)	(8)	(8)	(8)			
33-3011	Bailiffs	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
33-3012	Correctional Officers/Jailers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
33-3021	Detectives/Criminal Investigators	70	80	10	14.29%	<5	<5	<5	Work experience in a related occupation	\$51,666	\$22.09 - 27.82
33-3031	Fish/Game Wardens	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
33-3041	Parking Enforcement Wrkrs	10	10	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$19,837	\$7.57 - 8.71
33-3051	Police/Sheriff's Patrol Officers	560	580	20	3.57%	10	10	20	Long-term on-the-job training	\$39,557	\$16.23 - 21.63
33-9011	Animal Control Wrkrs	0	0	0	#DIV/0!	<5	<5	<5	Moderate-term on-the-job training	\$18,224	\$7.93 - 9.39
33-9021	Private Detectives/Investigators	20	20	0	0.00%	<5	<5	<5	Work experience in a related occupation	\$20,704	\$9.22 - 10.49
33-9031	Gaming Surv. Officers & Investigators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
33-9032	Security Guards	380	400	20	5.26%	10	10	20	Short-term on-the-job training	\$19,844	\$7.69 - 10.86
33-9091	Crossing Guards	110	110	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$18,570	\$7.9 - 10.22
33-9099	Protective Service Wrkrs/All Other	150	150	0	0.00%	<5	20	20	Short-term on-the-job training	\$14,343	\$6.05 - 7.05
<b>35-0000</b>	<b>Food Preparation &amp; Serving Occs</b>	<b>9,670</b>	<b>9,920</b>	<b>250</b>	<b>2.59%</b>	<b>130</b>	<b>470</b>	<b>600</b>		<b>\$16,223</b>	<b>\$6.33 - 8.68</b>
35-1011	Chefs/Head Cooks	140	140	0	0.00%	<5	10	10	Postsecondary vocational training	\$24,313	\$7.97 - 11.82
35-1012	F-L Sups/Mgrs Food Prep/Srv Wrkrs	570	580	10	1.75%	10	20	30	Work experience in a related occupation	\$22,592	\$8.15 - 13.18
35-2011	Cooks/Fast Food	540	550	10	1.85%	<5	20	20	Short-term on-the-job training	\$14,565	\$6.07 - 7.89
35-2012	Cooks/Institution/Cafeteria	360	350	-10	-2.78%	<5	10	10	Long-term on-the-job training	\$20,383	\$8.22 - 10.96
35-2013	Cooks/Private Household	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
35-2014	Cooks/Restaurant	540	550	10	1.85%	10	20	30	Long-term on-the-job training	\$18,009	\$7.38 - 9.59
35-2015	Cooks/Short Order	340	340	0	0.00%	<5	10	10	Short-term on-the-job training	\$16,378	\$6.51 - 9.43
35-2021	Food Prep Wrkrs	660	670	10	1.52%	10	30	40	Short-term on-the-job training	\$17,998	\$7.61 - 9.87
35-3011	Bartenders	920	940	20	2.17%	10	40	50	Short-term on-the-job training	\$15,702	\$6.73 - 8.38
35-3021	Comb Food Prep/Serv Wrk/Incl Fast	1,940	2,010	70	3.61%	40	110	150	Short-term on-the-job training	\$14,518	\$6.1 - 7.86
35-3022	Cntr Atts/Cafeter/Fd Conc/Coff Shop	320	330	10	3.13%	10	30	40	Short-term on-the-job training	\$15,036	\$6.23 - 8.17

# Occupational Projections for Southwest Wisconsin, 2003-2005

SOC Code	Occupational Title	Est. employment		Change		Annual average			Typical education or training path	Annual average wage	Middle 50 percent hourly wage range
		2003	2005	Numeric	Percent	New Jobs	Replacements	Total Openings			
35-3031	Waiters/Waitresses	2,000	2,060	60	3.00%	30	120	150	Short-term on-the-job training	\$14,336	\$5.92 - 7.06
35-3041	Food Servers/Nonrestaurant	150	150	0	0.00%	<5	10	10	Short-term on-the-job training	\$17,392	\$7.61 - 8.99
35-9011	Dining Rm/Cafeter Atts/Bar Helpers	350	360	10	2.86%	<5	20	20	Short-term on-the-job training	\$15,285	\$6.14 - 8.41
35-9021	Dishwashers	550	560	10	1.82%	<5	30	30	Short-term on-the-job training	\$15,038	\$6.22 - 8.13
35-9031	Hosts Rest/Lounge/Coff Shop	220	230	10	4.55%	<5	10	10	Short-term on-the-job training	\$14,564	\$5.96 - 7.68
35-9099	Food Prep/Serving Rel Wrkrs/AO	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
<b>37-0000</b>	<b>Build &amp; Grounds Cleaning/Maint Occs</b>	<b>3,530</b>	<b>3,600</b>	<b>70</b>	<b>1.98%</b>	<b>30</b>	<b>70</b>	<b>100</b>		<b>\$20,709</b>	<b>\$7.63 - 11.59</b>
37-1011	F-L Sups/Mgrs Hskpng/Janitr Wrkrs	160	160	0	0.00%	<5	<5	<5	Work experience in a related occupation	\$32,100	\$12.26 - 18.29
37-1012	Wrkrs	60	60	0	0.00%	<5	<5	<5	Work experience in a related occupation	\$31,066	\$12.17 - 16.7
37-2011	Janitors/Cleanrs Ex Maids/Hskpng	1,850	1,880	30	1.62%	20	40	60	Short-term on-the-job training	\$20,749	\$7.74 - 11.75
37-2012	Maids/Housekpng Cleaners	850	870	20	2.35%	10	20	30	Short-term on-the-job training	\$16,523	\$7.15 - 8.68
37-2021	Pest Control Wrkrs	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
37-3011	Landscaping/Grndskpng Wrkrs	570	580	10	1.75%	10	10	20	Short-term on-the-job training	\$20,023	\$7.6 - 10.87
37-3012	Pesticide Hndlr/Sprays/Apps Veg	10	10	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$27,064	\$11.55 - 13.25
37-3013	Tree Trimmers/Pruners	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
37-9099 <sup>(7)</sup>	Bldg/Grnds Cleanng/Maint Wrkrs AO	30	30	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$25,049	\$11.34 - 13.53
<b>39-0000</b>	<b>Personal Care and Service Occs</b>	<b>2,700</b>	<b>2,790</b>	<b>90</b>	<b>3.33%</b>	<b>40</b>	<b>70</b>	<b>110</b>		<b>\$18,132</b>	<b>\$6.89 - 10.17</b>
39-1011	Gaming Supervisors	*	*	*	*	<5	<5	<5	Work experience in a related occupation		
39-1012	Slot Key Persons	*	*	*	*	<5	<5	<5	Postsecondary vocational training		
39-1021	F-L Sups/Mgrs of Persnl Serv Wrkrs	80	90	10	12.50%	<5	<5	<5	Work experience in a related occupation	\$29,278	\$11.24 - 16.6
39-2011	Animal Trainers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
39-2021	Nonfarm Animal Caretakers	60	60	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$15,611	\$6.44 - 8.61
39-3011	Gaming Dealers	*	*	*	*	<5	<5	<5	Postsecondary vocational training		
39-3012	Gaming/Sports Book Writers & Runners	*	*	*	*	<5	<5	<5	Postsecondary vocational training		
39-3021	Motion Picture Projectionists	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
39-3031	Ushers/Lobby Attend/Ticket Takers	60	60	0	0.00%	<5	10	10	Short-term on-the-job training	\$13,746	\$5.85 - 6.9
39-3091	Amusement/Recreation Attendants	210	210	0	0.00%	<5	10	10	Short-term on-the-job training	\$14,906	\$5.92 - 7.66
39-3092	Costume Attendants	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
39-3093	Lockr Rm/Coatrm/Dress Rm Attend	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
39-3199 <sup>(7)</sup>	Gaming Wrkrs/All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
39-4011	Embalmers	*	*	*	*	<5	<5	<5	Postsecondary vocational training		
39-4021	Funeral Attendants	20	20	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$18,339	\$7.99 - 9.61
39-5011	Barbers	*	*	*	*	<5	<5	<5	Postsecondary vocational training		
39-5012	Hairdress/Hairstyl/Cosmetologists	410	420	10	2.44%	<5	10	10	Postsecondary vocational training	\$22,200	\$8.38 - 13.09
39-5092	Manicurists/Pedicurists	20	20	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$24,280	\$7.96 - 15.77
39-5093	Shampooers	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
39-5094	Skin Care Specialists	10	10	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$20,220	\$6.19 - 15.13
39-6011	Baggage Porters/Bellhops	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
39-6012	Concierges	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
39-6021	Tour Guides/Escorts	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		

# Occupational Projections for Southwest Wisconsin, 2003-2005

SOC Code	Occupational Title	Est. employment		Change		Annual average			Typical education or training path	Annual average wage	Middle 50 percent hourly wage range
		2003	2005	Numeric	Percent	New Jobs	Replacements	Total Openings			
39-6022	Travel Guides	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
39-6032	Trans Atts/Ex Flight Atts/Bag Porters	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
39-9011	Child Care Workers	380	390	10	2.63%	10	10	20	Short-term on-the-job training	\$16,905	\$7.08 - 8.85
39-9021	Personal/Home Care Aides	620	660	40	6.45%	20	10	30	Short-term on-the-job training	\$17,849	\$7.56 - 9.49
39-9031	Fitness Trainers/Aerobics Instruct	160	160	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$18,601	\$6.82 - 10.67
39-9032	Recreation Wrkrs	290	300	10	3.45%	<5	10	10	Bachelor's degree	\$17,375	\$6.45 - 9.03
39-9041	Residential Advisors	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
39-9099	Personal Care/Service Wrkrs/AO	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
<b>41-0000</b>	<b>Sales and Related Occupations</b>	<b>11,250</b>	<b>11,480</b>	<b>230</b>	<b>2.04%</b>	<b>110</b>	<b>460</b>	<b>570</b>		<b>\$26,517</b>	<b>\$7.44 - 14.16</b>
41-1011	F-L Sups/Mgrs of Rtl Sls Wrkrs	960	990	30	3.13%	10	20	30	Work experience in a related occupation	\$35,581	\$10.83 - 20.39
41-1012	F-L Sups/Mgrs of nonRtl Sls Wrkrs	190	200	10	5.26%	<5	<5	<5	Work experience in a related occupation	\$55,701	\$16.25 - 33.73
41-2011	Cashiers	3,280	3,330	50	1.52%	30	210	240	Short-term on-the-job training	\$16,642	\$6.66 - 9.04
41-2012	Gaming Change/Booth Cashiers	*	*	*	*	<5	10	10	Short-term on-the-job training		
41-2021	Counter/Rental Clerks	240	240	0	0.00%	<5	10	10	Short-term on-the-job training	\$20,561	\$6.61 - 10.87
41-2022	Parts Salespersons	330	330	0	0.00%	<5	10	10	Moderate-term on-the-job training	\$23,710	\$8.63 - 13.56
41-2031	Retail Salespersons	3,490	3,560	70	2.01%	40	140	180	Short-term on-the-job training	\$22,097	\$6.89 - 11.76
41-3011	Advertising Sales Agents	100	100	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$36,802	\$10.1 - 23.32
41-3021	Insurance Sales Agents	110	120	10	9.09%	<5	<5	<5	Bachelor's degree	\$35,175	\$12.66 - 19.85
41-3031	Sec/Comm/Fin Serv Sales Agents	*	*	*	*	<5	<5	<5	Bachelor's degree		
41-3041	Travel Agents	40	30	-10	-25.00%	<5	<5	<5	Postsecondary vocational training	\$31,156	\$12.42 - 17.63
41-4011	Sls Reps/Whlsl/Mfg/Tech/Sci Prods	210	210	0	0.00%	<5	10	10	Moderate-term on-the-job training	\$55,068	\$17.94 - 27.48
41-4012	Sls Reps/Whlsl/Mfg/Ex Tech/Sci Prod	1,550	1,590	40	2.58%	20	40	60	Moderate-term on-the-job training	\$38,656	\$12.39 - 21.57
41-9011	Demonstrators/Product Promoters	70	70	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$21,116	\$7.8 - 10.51
41-9021	Real Estate Brokers	*	*	*	*	<5	<5	<5	Postsecondary vocational training		
41-9022	Real Estate Sales Agents	40	40	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$31,969	\$11.18 - 13.63
41-9031	Sales Engineers	60	60	0	0.00%	<5	<5	<5	Bachelor's degree	\$72,112	\$22.44 - 46.26
41-9041	Telemarketers	170	160	-10	-5.88%	<5	<5	<5	Short-term on-the-job training	\$20,803	\$8.4 - 10.91
41-9091	Door Sales/News/St Vndrs/Rel Wrkrs	50	50	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$18,250	\$5.93 - 7.03
41-9099	Sales/Related Wrkrs/All Other	220	220	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$40,539	\$11.98 - 26.3
<b>43-0000</b>	<b>Office/Administrative Support Occs</b>	<b>20,500</b>	<b>20,590</b>	<b>90</b>	<b>0.44%</b>	<b>40</b>	<b>490</b>	<b>530</b>		<b>\$25,886</b>	<b>\$9.68 - 14.29</b>
43-1011	F-L Sups/Mgrs-Offc/Admin Sup Wrkrs	1,110	1,110	0	0.00%	<5	20	20	Work experience in a related occupation	\$38,641	\$14.23 - 21.81
43-2011	Switchboard Oprs/Incl Answrng Srvc	180	180	0	0.00%	<5	10	10	Short-term on-the-job training	\$19,203	\$7.14 - 10.99
43-2021	Telephone Oprs	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
43-2099	Communications Eqpmnt Oprs/AO	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
43-3011	Bill/Account Collectors	200	210	10	5.00%	<5	<5	<5	Short-term on-the-job training	\$25,308	\$10.66 - 13.62
43-3021	Billing/Posting Clerks/Machn Oprs	390	390	0	0.00%	<5	10	10	Moderate-term on-the-job training	\$26,509	\$11.14 - 13.83
43-3031	Bookkeep/Account/Auditing Clerks	1,630	1,630	0	0.00%	<5	30	30	Moderate-term on-the-job training	\$25,616	\$9.78 - 14.26
43-3041	Gaming Cage Wrkrs	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
43-3051	Payroll/Timekeeping Clerks	170	170	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$26,870	\$10.87 - 15.17
43-3061	Procurement Clerks	60	60	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$30,700	\$12.2 - 16.95

# Occupational Projections for Southwest Wisconsin, 2003-2005

SOC Code	Occupational Title	Est. employment		Change		Annual average			Typical education or training path	Annual average wage	Middle 50 percent hourly wage range
		2003	2005	Numeric	Percent	New Jobs	Replacements	Total Openings			
43-3071	Tellers	580	600	20	3.45%	10	30	40	Short-term on-the-job training	\$19,778	\$8.38 - 10.42
43-4011	Brokerage Clerks	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
43-4021	Correspondence Clerks	10	10	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$32,415	\$13.42 - 17.29
43-4031	Court/Municipal/License Clerks	120	120	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$30,087	\$11.84 - 16.76
43-4041	Credit Authorizers/Checkers/Clerks	40	40	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$31,630	\$11.17 - 22.24
43-4051	Customer Service Reps	1,550	1,600	50	3.23%	20	20	40	Moderate-term on-the-job training	\$29,556	\$10.46 - 16.47
43-4061	Eligibility Interviewers/Gov't Progrms	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
43-4071	File Clerks	180	180	0	0.00%	<5	10	10	Short-term on-the-job training	\$19,374	\$7.14 - 11.04
43-4081	Hotel/Motel/Resort Desk Clerks	150	150	0	0.00%	<5	10	10	Short-term on-the-job training	\$16,706	\$7.61 - 8.57
43-4111	Interviewers/Ex Eligibility/Loan	120	120	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$22,301	\$8.77 - 12.06
43-4121	Library Assts/Clerical	150	150	0	0.00%	<5	10	10	Short-term on-the-job training	\$19,050	\$7.76 - 10.44
43-4131	Loan Interviewers/Clerks	110	110	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$27,546	\$10.48 - 15.17
43-4141	New Accounts Clerks	100	100	0	0.00%	<5	<5	<5	Work experience in a related occupation	\$26,220	\$10.43 - 14.65
43-4151	Order Clerks	*	*	*	*	<5	40	40	Short-term on-the-job training		
43-4161	Human Res Assts/Ex Pay/Tmkpng	140	150	10	7.14%	<5	<5	<5	Short-term on-the-job training	\$28,851	\$11.34 - 16.25
43-4171	Receptionists/Info Clerks	950	980	30	3.16%	20	30	50	Short-term on-the-job training	\$20,322	\$8.24 - 11.03
43-4181	Res/Trans Ticket Agnts/Travl Clerks	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
43-4999 <sup>(7)</sup>	Fin/Info/Record Clerks/All Other	160	160	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$28,183	\$10.22 - 16.78
43-5011	Cargo/Freight Agents	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
43-5021	Couriers/Messengers	60	60	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$19,082	\$7.88 - 9.96
43-5031	Police/Fire/Ambulance Dispatchers	70	70	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$32,869	\$13.97 - 17.42
43-5032	Disp/Ex Police/Fire/Ambulance	130	130	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$32,637	\$12.92 - 18.19
43-5041	Meter Readers/Utilities	50	50	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$35,129	\$15.21 - 18.22
43-5051	Postal Service Clerks	50	50	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$39,539	\$18.13 - 20.38
43-5052	Postal Service Mail Carriers	300	300	0	0.00%	<5	10	10	Short-term on-the-job training	\$38,326	\$16.2 - 20.77
43-5053	PS Mail Sort/Proc/Proc Machn Oprs	200	190	-10	-5.00%	<5	10	10	Short-term on-the-job training	\$32,326	\$11.25 - 19.44
43-5061	Production/Plan/Expediting Clerks	280	280	0	0.00%	<5	10	10	Short-term on-the-job training	\$35,331	\$12.99 - 20.59
43-5071	Shipping/Receiving/Traffic Clerks	*	*	*	*	<5	30	30	Short-term on-the-job training		
43-5081	Stock Clerks/Order Fillers	1,520	1,510	-10	-0.66%	<5	80	80	Short-term on-the-job training	\$20,579	\$7.53 - 11.8
43-5111	Weigh/Meas/Check/Sample/Rcrdkp	110	110	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$23,894	\$9.28 - 13.17
43-5199 <sup>(7)</sup>	Matrl Rec/Sched/Disp/Dist Wrks/AO	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
43-6011	Executive Secretaries/Admin Assts	1,180	1,180	0	0.00%	<5	20	20	Moderate-term on-the-job training	\$28,349	\$10.52 - 16.38
43-6012	Legal Secretaries	120	130	10	8.33%	<5	<5	<5	Postsecondary vocational training	\$33,957	\$13.44 - 19.57
43-6013	Medical Secretaries	200	210	10	5.00%	<5	<5	<5	Postsecondary vocational training	\$26,654	\$10.99 - 14.2
43-6014	Secretaries/Ex Legal/Medical/Exec	1,600	1,570	-30	-1.88%	<5	30	30	Moderate-term on-the-job training	\$23,909	\$9.65 - 13.25
43-9011	Computer Oprs	110	110	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$31,671	\$10.46 - 16.86
43-9021	Data Entry Keyers	330	330	0	0.00%	<5	10	10	Moderate-term on-the-job training	\$19,927	\$8.39 - 10.72
43-9022	Word Processors/Typists	160	150	-10	-6.25%	<5	<5	<5	Moderate-term on-the-job training	\$24,330	\$10.07 - 13.46
43-9031	Desktop Publishers	30	40	10	33.33%	<5	<5	<5	Postsecondary vocational training	\$23,219	\$8.15 - 12.91
43-9041	Ins Claims/Policy Processng Clerks	90	90	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$25,408	\$9.51 - 15.03

# Occupational Projections for Southwest Wisconsin, 2003-2005

SOC Code	Occupational Title	Est. employment		Change		Annual average			Typical education or training path	Annual average wage	Middle 50 percent hourly wage range
		2003	2005	Numeric	Percent	New Jobs	Replacements	Total Openings			
43-9051	Mail Clerks/Mail Machn Oprs/Ex P S	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
43-9061	Office Clerks/General	1,870	1,900	30	1.60%	10	40	50	Short-term on-the-job training	\$22,045	\$8.73 - 12.5
43-9071	Office Machn Oprs/Ex Computer	50	50	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$21,880	\$8.77 - 10.98
43-9081	Proofreaders/Copy Markers	20	20	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$22,019	\$8.43 - 12.55
43-9111	Statistical Assts	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
43-9999 <sup>(7)</sup>	Sec/Admn Asst/Othr Offc Sup Wrks/AO	320	320	0	0.00%	<5	10	10	Short-term on-the-job training	\$26,709	\$10.17 - 14.91
<b>45-0000</b>	<b>Farming/Fishing/Forestry Occs</b>	<b>140</b>	<b>140</b>	<b>0</b>	<b>0.00%</b>	<b>&lt;5</b>	<b>&lt;5</b>	<b>&lt;5</b>		<b>\$22,884</b>	<b>\$7.89 - 12.68</b>
45-1011	F-L Sups/Mgrs Farm/Fish/Forest Wrks	*	*	*	*	<5	<5	<5	Work experience in a related occupation		
45-1012	Farm Labor Contractors	*	*	*	*	<5	<5	<5	Work experience in a related occupation		
45-2011	Ag Inspectors	*	*	*	*	<5	<5	<5	Work experience in a related occupation		
45-2021	Animal Breeders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
45-2041	Graders/Sorters/Ag Prod	*	*	*	*	<5	<5	<5	Work experience in a related occupation		
45-2091	Ag Equipment Oprs	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
45-2092	Farm/Labrrs/Crop/Nursry/Greenhs	20	20	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$17,563	\$7.72 - 8.78
45-2093	Farmwrks/Farm/Ranch Animals	20	20	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$21,005	\$8.67 - 11.15
45-4011	Forest/Conservation Wrks	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
45-4022	Logging Equipment Oprs	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
45-4023	Log Graders/Scalers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
45-9099 <sup>(7)</sup>	Farming/Fishing/Forestry Wrks/AO	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
<b>47-0000</b>	<b>Occupations</b>	<b>4,800</b>	<b>4,960</b>	<b>160</b>	<b>3.33%</b>	<b>80</b>	<b>90</b>	<b>170</b>		<b>\$39,731</b>	<b>\$13.49 - 24.95</b>
47-1011	F-L Sup/Mgr Const Trades/Extr Wrks	330	340	10	3.03%	10	10	20	Work experience in a related occupation	\$56,486	\$21.68 - 31.89
47-2011	Boilermakers	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
47-2021	Brickmasons/Blockmasons	120	130	10	8.33%	<5	<5	<5	Long-term on-the-job training	\$50,777	\$22.89 - 27.09
47-2022	Stonemasons	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
47-2031	Carpenters	870	900	30	3.45%	10	10	20	Long-term on-the-job training	\$32,772	\$12.41 - 18.61
47-2041	Carpet Installers	30	30	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$25,526	\$10.52 - 13.66
47-2042	Floor Layrs/Ex Carpet/Wood/Tiles	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
47-2043	Floor Sanders/Finishers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
47-2044	Tile/Marble Settrs	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
47-2051	Cement Masons and Concrete Finishers	150	150	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$35,608	\$13.8 - 22.43
47-2053	Terrazzo Workers and Finishers	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
47-2061	Construction Laborers	530	550	20	3.77%	10	10	20	Moderate-term on-the-job training	\$37,974	\$11.48 - 24.63
47-2071	Pavng/Surfacng/Tampng Equip Oprs	60	60	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$41,930	\$14.55 - 27.15
47-2072	Pile-Driver Oprs	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
47-2073	Opng Engrns/Other Con Eqp Oprs	290	300	10	3.45%	<5	10	10	Moderate-term on-the-job training	\$40,232	\$13.85 - 25.21
47-2081	Drywall/Ceiling Tile Installers	40	40	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$29,470	\$12.13 - 16.32
47-2082	Tapers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
47-2111	Electricians	640	670	30	4.69%	20	10	30	Long-term on-the-job training	\$53,256	\$22.06 - 30.36
47-2121	Glaziers	30	30	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$35,667	\$12.78 - 20.72
47-2130	Insulation Wrks	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		

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		2003	2005	Numeric	Percent	New Jobs	Replacements	Total Openings			
47-2141	Painters/Const/Maint	120	130	10	8.33%	<5	<5	<5	Moderate-term on-the-job training	\$30,987	\$10.17 - 17.17
47-2142	Paperhangers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
47-2151	Pipelayers	20	20	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$48,215	\$15.99 - 29.5
47-2152	Plumbers/Pipefitters/Steamfitters	460	480	20	4.35%	10	10	20	Long-term on-the-job training	\$43,283	\$15.81 - 28.45
47-2161	Plasterers/Stucco Masons	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
47-2171	Reinforcing Iron/Rebar Wrks	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
47-2181	Roofers	90	90	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$27,980	\$10.6 - 16.07
47-2211	Sheet Metal Wrks	230	240	10	4.35%	10	10	20	Moderate-term on-the-job training	\$45,248	\$16.01 - 29.15
47-2221	Structural Iron/Steel Wrks	60	60	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$46,039	\$14.74 - 29.78
47-3011	Helprs-Brick/Block/Stone/Tile/Marble	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
47-3012	Helpers--Carpenters	50	50	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$22,265	\$9.76 - 11.51
47-3013	Helpers--Electricians	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
47-3014	Helprs--Paint/Paper/Plaster/Stucco	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
47-3015	Helprs--Pipelay/Plumb/Pipe/Steam	50	50	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$20,869	\$8.11 - 11.93
47-3016	Helpers--Roofers	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
47-3019	Helpers/Const Trades/All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
47-4011	Const/Bldg Inspectors	40	40	0	0.00%	<5	<5	<5	Work experience in a related occupation	\$48,753	\$15.75 - 30.16
47-4021	Elevator Installers/Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
47-4031	Fence Erectors	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
47-4041	Hazardous Materials Removal Wrks	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
47-4051	Highway Maint Wrks	250	250	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$32,515	\$14.7 - 17.01
47-4061	Rail-Track Layng/Maint Eqpmnt Oprs	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
47-4071	Septic Tnk Srvcs/Sewer Pipe Clnrs	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
47-4091	Segmental Pavers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
47-4999 <sup>(7)</sup>	Const Trades/Rel Wrks/AO	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
47-5021	Earth Drillers/Ex Oil/Gas	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
47-5031	Explsv/Ordnc Handling Exprts/Blastrs	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
47-5040 <sup>(8)</sup>	Mining Machine Oprs	0	0	0		<5	<5	<5			
47-5041 <sup>(8)</sup>	Continuous Mining Machine Operators	(8)	(8)	(8)	(8)	(8)	(8)	(8)	Moderate-term on-the-job training		
47-5042 <sup>(8)</sup>	Mine Cutting/Channeling Machine Oprs	(8)	(8)	(8)	(8)	(8)	(8)	(8)			
47-5051	Rock Splitters/Quarry	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
47-5081	Helpers--Extraction Workers	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
<b>49-0000</b>	<b>Installation/Maint/Repair Occs</b>	<b>4,580</b>	<b>4,680</b>	<b>100</b>	<b>2.18%</b>	<b>50</b>	<b>100</b>	<b>150</b>		<b>\$35,503</b>	<b>\$12.05 - 21.09</b>
49-1011	F-L Supvsrs/Mgrs of Mechs/Inst/Rep	380	390	10	2.63%	10	10	20	Work experience in a related occupation	\$47,318	\$18.59 - 26.57
49-2011	Computer/ATM/Offc Machn Reprrs	50	50	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$29,131	\$10.4 - 17.86
49-2021	Radio Mechanics	*	*	*	*	<5	<5	<5	Postsecondary vocational training		
49-2022	Telecm Eqp Inst/Reprrs/Ex Line Inst	70	70	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$41,632	\$18.66 - 21.76
49-2091	Avionics Techs	*	*	*	*	<5	<5	<5	Postsecondary vocational training		
49-2092	Elec Motor/Power Tool/Rel. Reprrs	*	*	*	*	<5	<5	<5	Postsecondary vocational training		
49-2093	Elec Installers/Repairers/Trans Eqp	*	*	*	*	<5	<5	<5	Postsecondary vocational training		

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49-2094	Elec Repairers/Comm/Ind Equip	50	50	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$41,879	\$15.79 - 24.59
49-2095	Elec Reprrs/Powerhse/Substn/Relay	*	*	*	*	<5	<5	<5	Postsecondary vocational training		
49-2096	Elec Equip Instrls/Reprrs/Motor Veh	*	*	*	*	<5	<5	<5	Postsecondary vocational training		
49-2097	Elec Home Ent Eqpmnt Inst/Reprrs	*	*	*	*	<5	<5	<5	Postsecondary vocational training		
49-2098	Security/Fire Alarm Systems Inst	*	*	*	*	<5	<5	<5	Postsecondary vocational training		
49-2099 <sup>(7)</sup>	Elec Equip Mechs/Instrls/Reprrs/AO	*	*	*	*	<5	<5	<5	Postsecondary vocational training		
49-3011	Aircraft Mechanics/Service Techs	*	*	*	*	<5	<5	<5	Postsecondary vocational training		
49-3021	Automotive Body/Related Repairers	200	210	10	5.00%	<5	<5	<5	Long-term on-the-job training	\$24,525	\$9.23 - 12.64
49-3022	Automotive Glass Installers/Reprrs	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
49-3023	Automotive Service Techs/Mechanics	710	710	0	0.00%	<5	20	20	Postsecondary vocational training	\$32,046	\$11.11 - 20.17
49-3031	Bus/Truck Mechs/Diesel Engrn Spec	400	410	10	2.50%	10	10	20	Postsecondary vocational training	\$35,582	\$13.52 - 20.17
49-3041	Farm Equipment Mechanics	80	80	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$25,221	\$10.25 - 13.49
49-3042	Mobile Hvy Eqpmnt Mechs/Ex Engrs	100	100	0	0.00%	<5	<5	<5	Postsecondary vocational training	\$53,334	\$17.67 - 33.6
49-3043	Rail Car Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
49-3051	Motorboat Mechanics	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
49-3052	Motorcycle Mechanics	30	30	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$35,019	\$13.56 - 20.05
49-3053	Outdr Powr Eqp/Othr Sm Engrn Mchs	30	30	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$32,898	\$14.23 - 17.71
49-3091	Bicycle Repairers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
49-3092	Recreational Vehicle Service Techs	20	20	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$27,291	\$8.96 - 16.18
49-3093	Tire Repairers/Changers	60	60	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$20,741	\$8.57 - 11.05
49-3099 <sup>(7)</sup>	Veh/Mbl Eqp Mechs/Instl/Reprrs/AO	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
49-9011	Mechanical Door Repairers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
49-9012	Cntrl/Valve Inst/Rep/Ex Mechn Door	40	40	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$48,823	\$21.4 - 27.7
49-9021	Heating/AC/Refrig Mechs/Instrls	150	170	20	13.33%	10	<5	10	Long-term on-the-job training	\$33,536	\$12.68 - 18.68
49-9031	Home Appliance Repairers	30	30	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$32,985	\$14.7 - 17.31
49-9041	Industrial Machnry Mechanics	210	220	10	4.76%	<5	<5	<5	Long-term on-the-job training	\$43,732	\$17.19 - 24.53
49-9042	Maint/Repair Wrkrs/General	1,080	1,100	20	1.85%	10	20	30	Long-term on-the-job training	\$30,948	\$10.94 - 17.95
49-9043	Maint Wrkrs/Machnry	70	80	10	14.29%	<5	<5	<5	Long-term on-the-job training	\$41,875	\$17.08 - 21.81
49-9044	Millwrights	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
49-9045	Refractory Mtrls Reprs/Ex Brickmsns	10	10	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$35,417	\$14.68 - 19.94
49-9051	Elec Power-Line Installrs/Repairers	100	100	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$41,786	\$18.9 - 21.36
49-9052	Telecomm Line Installers/Reprrs	100	100	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$47,193	\$18.97 - 27
49-9062	Medical Equipment Repairers	*	*	*	*	<5	<5	<5	Associate degree		
49-9063	Musical Instr Repairers/Tuners	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
49-9064	Watch Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
49-9069	Precision Inst/Eqpmnt Repairers/AO	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
49-9091	Coin/Vend/Amuse Machn Serv/Repr	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
49-9093	Fabric Menders/Ex Garment	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
49-9094	Locksmiths/Safe Repairers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
49-9095	Manufactrd Bldg/Mobile Home Inst	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		

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49-9096	Riggers	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
49-9098	Helpers--Install/Maint/Repair Wrks	140	140	0	0.00%	<5	10	10	Short-term on-the-job training	\$23,789	\$7.35 - 15.25
49-9099	Installation/Maint/Repair Wrks/AO	70	80	10	14.29%	<5	<5	<5	Moderate-term on-the-job training	\$30,691	\$8.81 - 19.96
<b>51-0000</b>	<b>Production Occupations</b>	<b>16,910</b>	<b>17,180</b>	<b>270</b>	<b>1.60%</b>	<b>140</b>	<b>400</b>	<b>540</b>		<b>\$33,964</b>	<b>\$10.67 - 22.78</b>
51-1011	F-L Sups/Mgrs of Prdn/Operat Wrks	950	980	30	3.16%	10	20	30	Work experience in a related occupation	\$47,740	\$16.17 - 27.36
51-2011	Assembler	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
51-2021	Coil Winders/Tapers/Finishers	*	*	*	*	<5	10	10	Short-term on-the-job training		
51-2022	Electrical/Electronic Equipmnt Assembler	300	290	-10	-3.33%	<5	10	10	Short-term on-the-job training	\$24,989	\$8.15 - 13.37
51-2023	Electromechanical Equipmnt Assembler	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
51-2031	Engine/Other Machn Assemblers	280	270	-10	-3.57%	<5	10	10	Short-term on-the-job training	\$36,714	\$14.91 - 20.22
51-2041	Structural Metal Fabricators/Fitters	90	90	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$26,045	\$10.37 - 14.26
51-2091	Fiberglass Laminators/Fabricators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-2092	Team Assemblers	2,430	2,430	0	0.00%	<5	60	60	Moderate-term on-the-job training	\$26,397	\$9.76 - 15.89
51-2093	Timng Device Assemb/Adjustrs/Calibr	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-2099	Assemblers/Fabricators/All Other	*	*	*	*	<5	30	30	Moderate-term on-the-job training		
51-3011	Bakers	190	190	0	0.00%	<5	10	10	Long-term on-the-job training	\$23,094	\$8.42 - 13.92
51-3021	Butchers/Meat Cutters	120	120	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$27,520	\$10.12 - 16.08
51-3022	Meat/Poultry/Fish Cutters/Trimmers	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
51-3023	Slaughterers/Meat Packers	*	*	*	*	10	10	20	Moderate-term on-the-job training		
51-3091	Food/Tobac Bake/Dry/Mchn Op/Tndrs	40	50	10	25.00%	<5	<5	<5	Short-term on-the-job training	\$28,512	\$11.42 - 16.18
51-3092	Food Batchmakers	210	210	0	0.00%	<5	10	10	Short-term on-the-job training	\$21,352	\$8.2 - 12.54
51-3093	Food Cooking Machn Oprs/Tendrs	90	90	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$29,601	\$11.99 - 17.05
51-3099 <sup>(7)</sup>	Food Processing Wrks/All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
51-4011	Comp-Cntrld Mchn Tool Op/M/P	310	320	10	3.23%	10	10	20	Moderate-term on-the-job training	\$31,147	\$11.6 - 18.86
51-4012	Num Tool/Procss Cntrl Programms	30	30	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$38,890	\$15.53 - 20.47
51-4021	Extrud/Draw Mchn Set/Op/Tndrs/M/P	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-4022	Forge Machn Set/Op/Tndrs/M/P	100	100	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$46,680	\$22.52 - 26.44
51-4023	Roll Machn Set/Op/Tndrs/M/P	30	30	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$23,504	\$9.54 - 13.16
51-4031	Cut/Punch/Press Set/Op/Tndrs/M/P	500	510	10	2.00%	10	10	20	Moderate-term on-the-job training	\$24,609	\$9.76 - 13.58
51-4032	Drill/Bore Tool Set/Op/Tndrs/M/P	60	70	10	16.67%	<5	<5	<5	Moderate-term on-the-job training	\$30,777	\$11.38 - 18.61
51-4033	Grind/Lap/Polish/Buf Set/Op/Tnd/M/P	160	170	10	6.25%	<5	<5	<5	Moderate-term on-the-job training	\$28,702	\$10.78 - 16.7
51-4034	Lathe/Turn Tool Set/Op/Tndrs/M/P	160	160	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$33,882	\$13.38 - 19
51-4035	Mill/Plane Mchn Set/Op/Tndrs/M/P	30	30	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$34,036	\$13.97 - 18.65
51-4041	Machinists	530	540	10	1.89%	10	10	20	Long-term on-the-job training	\$33,666	\$13.28 - 18.75
51-4051	Metal-Refining Furnace Ops/Tendrs	20	20	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$29,155	\$12 - 15.77
51-4052	Pourers/Casters/Metal	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-4061	Model Makers/Metal/Plastic	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-4062	Patternmakers/Metal/Plastic	10	20	10	100.00%	<5	<5	<5	Moderate-term on-the-job training	\$45,350	\$18.11 - 25.93
51-4071	Foundry Mold/Coremakers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-4072	Mold/Core/Cast Set/Op/Tndrs/M/P	230	240	10	4.35%	<5	10	10	Moderate-term on-the-job training	\$24,718	\$9.78 - 13.01



# Occupational Projections for Southwest Wisconsin, 2003-2005

SOC Code	Occupational Title	Est. employment		Change		Annual average			Typical education or training path	Annual average wage	Middle 50 percent hourly wage range
		2003	2005	Numeric	Percent	New Jobs	Replacements	Total Openings			
51-4081	Mult Mchn Tool Set/Op/Tndrs/M/P	230	240	10	4.35%	<5	10	10	Moderate-term on-the-job training	\$37,720	\$15.46 - 21.11
51-4111	Tool/Die Makers	250	250	0	0.00%	<5	10	10	Long-term on-the-job training	\$46,866	\$19.02 - 28.41
51-4121	Welders/Cutters/Solderers/Brazers	530	550	20	3.77%	10	20	30	Postsecondary vocational training	\$35,352	\$13.89 - 20.34
51-4122	Weld/Solder/Braze Mchn Set/Op/Tnd	90	90	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$36,997	\$14.44 - 18.98
51-4191	Heat Treat Eqp Set/Op/Tndrs/M/P	40	40	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$31,901	\$12.5 - 17.39
51-4192	Lay-Out Wrkrs/Metal/Plastic	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-4193	Plate/Coat Mchn Set/Op/Tndrs/M/P	30	30	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$29,029	\$12.41 - 15.89
51-4194	Tool Grinders/Files/Sharpeners	30	30	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$35,360	\$13.82 - 17.97
51-4199	Metal Wrkrs/Plastic Wrkrs/All Other	130	140	10	7.69%	<5	<5	<5	Moderate-term on-the-job training	\$37,859	\$13.11 - 24
51-5011	Bindery Wrkrs	160	160	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$22,083	\$7.45 - 11.65
51-5012	Bookbinders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-5021	Job Printers	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
51-5022	Prepress Techs/Wrkrs	80	80	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$22,422	\$8.19 - 13
51-5023	Printing Machn Oprs	180	190	10	5.56%	<5	<5	<5	Moderate-term on-the-job training	\$27,219	\$10.48 - 15.8
51-5099 <sup>(7)</sup>	Printing Wrkrs/All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-6011	Laundry/Dry-Cleaning Wrkrs	120	120	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$20,744	\$8.16 - 11.45
51-6021	Pressers/Textile/Garment/Rel Mtrls	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
51-6031	Sewing Machine Oprs	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-6041	Shoe/Leather Wrkrs/Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
51-6051	Sewers/Hand	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
51-6052	Tailors/Dressmakrs/Custom Sewrs	*	*	*	*	<5	<5	<5	Work experience in a related occupation		
51-6061	Textile Bleach/Dye Mchn Ops/Tndrs	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-6062	Textile Cuttng Mchn Set/Ops/Tendrs	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-6063	Textl Knit/Weav Mchn Set/Op/Tndrs	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
51-6064	Textl Wind/Twist/Draw Set/Op/Tndrs	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-6091	Extr/Form Set/Op/Tnd/Syn/Glss Fibr	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-6092	Fabric/Apparel Patternmakers	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
51-6093	Upholsterers	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
51-6099	Textile/Apparel/Furnishng Wrkrs/AO	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-7011	Cabinetmakers/Bench Carpenters	110	100	-10	-9.09%	<5	<5	<5	Long-term on-the-job training	\$25,323	\$9.56 - 13.33
51-7021	Furniture Finishers	10	10	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$19,089	\$7.47 - 11.11
51-7031	Model Makers/Wood	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
51-7032	Patternmakers/Wood	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
51-7041	Saw Machn Set/Op/Tendrs/Wood	60	60	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$23,403	\$9.88 - 12.78
51-7042	Woodwrk Mchn Set/Op/Tndrs/Ex Saw	150	150	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$21,527	\$9.31 - 11.05
51-7099	WoodWrkrs/All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-8010 <sup>(8)</sup>	Pwr Plnt Oprs/Distributrs/Dispatchrs	60	60	0	0.00%	<5	<5	<5			
51-8011 <sup>(8)</sup>	Nuclear Power Reactor Operators	(8)	(8)	(8)	(8)	(8)	(8)	(8)	Long-term on-the-job training		
51-8012 <sup>(8)</sup>	Power Distributors and Dispatchers	(8)	(8)	(8)	(8)	(8)	(8)	(8)	Long-term on-the-job training		
51-8013 <sup>(8)</sup>	Power Plant Operators	(8)	(8)	(8)	(8)	(8)	(8)	(8)	Long-term on-the-job training	\$42,169	\$12.8 - 27.18

# Occupational Projections for Southwest Wisconsin, 2003-2005

SOC Code	Occupational Title	Est. employment		Change		Annual average			Typical education or training path	Annual average wage	Middle 50 percent hourly wage range
		2003	2005	Numeric	Percent	New Jobs	Replacements	Total Openings			
51-8021	Stationary Engineers/Boiler Oprs	30	30	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$40,930	\$15.09 - 22.13
51-8031	Watr/Lqd Waste Trtmt Plant/Sys Op	90	90	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$39,831	\$16.14 - 21.58
51-8091	Chemical Plant/System Oprs	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
51-8092	Gas Plant Oprs	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
51-8093	Ptrol Pump Sys Op/Refinery Op/Gaug	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
51-8099	Plant/System Oprs/All Other	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
51-9011	Chemical Equipment Oprs/Tendrs	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-9012	Sep/Filtr/Clarify/Prec/Still Set/Op/Tnd	100	110	10	10.00%	<5	<5	<5	Moderate-term on-the-job training	\$31,893	\$13.62 - 17.09
51-9021	Crush/Grnd/Polish Set/Op/Tndrs	80	80	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$28,562	\$11.45 - 14.63
51-9022	Grinding/Polishing Wrks/Hand	60	60	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$36,949	\$12.25 - 24.74
51-9023	Mix/Blend Machn Settrs/Oprs/Tendrs	160	150	-10	-6.25%	<5	<5	<5	Moderate-term on-the-job training	\$27,772	\$10.13 - 15.52
51-9031	Cutters/Trimmers/Hand	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
51-9032	Cut/Slice Machn Settrs/Oprs/Tendrs	110	110	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$22,651	\$9.5 - 11.22
51-9041	Extr/Form/Press/Compct Set/Op/Tnd	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-9051	Furnce/Kln/Ov/Drier/Kettle Op/Tndrs	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-9061	Inspect/Test/Sort/Sample/Weighers	580	600	20	3.45%	10	10	20	Moderate-term on-the-job training	\$30,900	\$11.42 - 17.33
51-9071	Jewel/Precious Stone/Metal Wrks	*	*	*	*	<5	<5	<5	Postsecondary vocational training		
51-9081	Dental Lab Techs	20	20	0	0.00%	<5	<5	<5	Long-term on-the-job training	\$38,838	\$12.61 - 18.63
51-9082	Medical Appliance Techs	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
51-9083	Ophthalmic Lab Techs	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-9111	Packagng/Filling Machn Oprs/Tendrs	660	690	30	4.55%	10	10	20	Short-term on-the-job training	\$24,162	\$9.65 - 13.58
51-9121	Coat/Paint/Spray Mchn Set/Op/Tndrs	140	150	10	7.14%	<5	<5	<5	Moderate-term on-the-job training	\$30,805	\$10.05 - 17.02
51-9122	Painters/Trans Equipment	90	100	10	11.11%	<5	<5	<5	Moderate-term on-the-job training	\$29,261	\$11.4 - 16.35
51-9123	Painting/Coating/Decorating Wrks	40	40	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$27,426	\$9.88 - 16.52
51-9131	Photographic Process Wrks	20	20	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$24,798	\$7.7 - 16.39
51-9132	Photographic Processng Mchn Oprs	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
51-9191	Cementng/Glung Mchn Oprs/Tendrs	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-9192	Cln/Wash/Mtl Picklng Eqp Ops/Tndrs	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-9193	Coolng/Freezng Eqpmnt Ops/Tendrs	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-9194	Etchers/Engravers	*	*	*	*	<5	<5	<5	Long-term on-the-job training		
51-9195	Moldrs/Shaprs/Castrs/Ex Mtl/Plastic	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-9196	Paper Gds Machn Settrs/Oprs/Tndrs	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-9197	Tire Builders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
51-9198	Helpers--Production Wrks	620	640	20	3.23%	10	20	30	Short-term on-the-job training	\$22,239	\$8.95 - 12.69
51-9199	Production Workers, All Other	*	*	*	*	30	50	80	Moderate-term on-the-job training		
<b>53-0000</b>	<b>Trans/Material Moving Occupations</b>	<b>10,350</b>	<b>10,520</b>	<b>170</b>	<b>1.64%</b>	<b>80</b>	<b>230</b>	<b>310</b>		<b>\$27,345</b>	<b>\$9.46 - 15.8</b>
53-1011	Aircraft Cargo Handling Supvsrs	*	*	*	*	<5	<5	<5	Work experience in a related occupation		
53-1021	F-L Sups/Mgrs Help/Lab/Matrl Movrs	190	200	10	5.26%	<5	<5	<5	Work experience in a related occupation	\$42,708	\$14.42 - 25.11
53-1031	F-L Sups/Mgrs Trans/Matrl-Mov Oprs	250	260	10	4.00%	<5	10	10	Work experience in a related occupation	\$48,212	\$18.25 - 26.89
53-2011	Airline Pilots/Copilots/Flight Enginrs	*	*	*	*	<5	<5	<5	Bachelor's degree		

# Occupational Projections for Southwest Wisconsin, 2003-2005

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		2003	2005	Numeric	Percent	New Jobs	Replacements	Total Openings			
53-2012	Commercial Pilots	*	*	*	*	<5	<5	<5	Postsecondary vocational training		
53-2021	Air Traffic Controllers	*	*	*	*	<5	<5	<5	Bachelor's degree		
53-3011	Ambulance Drivers/Atts/Ex EMTs	30	30	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$17,898	\$7.16 - 9.98
53-3021	Bus Drivers/Transit/Intercity	190	200	10	5.26%	<5	<5	<5	Moderate-term on-the-job training	\$33,676	\$13.33 - 19.04
53-3022	Bus Drivers/School	370	380	10	2.70%	10	10	20	Short-term on-the-job training	\$25,341	\$9.16 - 14.3
53-3031	Driver/Sales Wrkrs	260	270	10	3.85%	<5	<5	<5	Short-term on-the-job training	\$24,893	\$9.3 - 13.95
53-3032	Truck Drivers/Heavy/Tractor-Trailer	2,290	2,360	70	3.06%	30	40	70	Moderate-term on-the-job training	\$34,619	\$13.46 - 19.54
53-3033	Truck Drivers/Light or Delivery Srvc	1,120	1,150	30	2.68%	20	10	30	Short-term on-the-job training	\$22,149	\$8.09 - 12.81
53-3041	Taxi Drivers/Chauffeurs	80	80	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$16,302	\$7.19 - 8.58
53-3099	Motor Vehicle Oprs/All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
53-5011	Sailors/Marine Oilers	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
53-5021	Cptns/Mates/Pilots of Watr Vessels	*	*	*	*	<5	<5	<5	Work experience in a related occupation		
53-5031 <sup>(8)</sup>	Ship Engineers	(8)	(8)	(8)	(8)	(8)	(8)	(8)	Postsecondary vocational training		
53-6011 <sup>(8)</sup>	Bridge/Lock Tndrs	(8)	(8)	(8)	(8)	(8)	(8)	(8)	Short-term on-the-job training		
53-6021	Parking Lot Attendants	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
53-6031	Service Station Attendants	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
53-6041 <sup>(8)</sup>	Traffic Technicians	(8)	(8)	(8)	(8)	(8)	(8)	(8)	Short-term on-the-job training		
53-6051	Trans Inspectors	*	*	*	*	<5	<5	<5	Work experience in a related occupation		
53-6099 <sup>(8)</sup>	Transportation Workers, All Other	10	10	0	0.00%	<5	<5	<5	Short-term on-the-job training		
53-7011	Conveyor Oprs/Tndrs	50	50	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$21,451	\$9.24 - 10.74
53-7021	Crane/Tower Oprs	30	30	0	0.00%	<5	<5	<5	Moderate-term on-the-job training	\$32,679	\$12.78 - 17.97
53-7031	Dredge Oprs	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
53-7032	Excvtng/Loadng Mchn/Dragnline Oprs	30	40	10	33.33%	<5	<5	<5	Moderate-term on-the-job training	\$37,264	\$13.37 - 21.05
53-7033	Loadng Mchn Oprs/Undrgrnd Minng	*	*	*	*	<5	<5	<5	Short-term on-the-job training		
53-7041	Hoist/Winch Oprs	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
53-7051	Industrial Truck/Tractor Oprs	870	880	10	1.15%	10	20	30	Short-term on-the-job training	\$27,829	\$11.48 - 14.54
53-7061	Cleaners of Vehicles/Equipment	300	300	0	0.00%	<5	10	10	Short-term on-the-job training	\$18,955	\$6.3 - 11.77
53-7062	Labrs/Frght/Stock/Matrl Movers/Hand	2,370	2,350	-20	-0.84%	<5	90	90	Short-term on-the-job training	\$23,199	\$9.17 - 12.97
53-7063	Machn Feeders/Offbearers	210	220	10	4.76%	<5	10	10	Short-term on-the-job training	\$22,238	\$8.05 - 13.18
53-7064	Packers/Packagers/Hand	1,400	1,420	20	1.43%	10	30	40	Short-term on-the-job training	\$21,520	\$7.79 - 13
53-7071	Gas Compressor/Gas Station Oprs	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
53-7072	Pump Oprs/Ex Wellhead Pumpers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
53-7081	Refuse/Recyclable Mtrl Collectors	90	90	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$29,347	\$10.56 - 17.02
53-7121	Tank Car/Truck/Ship Loaders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training		
53-7199	Material Moving Wrkrs/All Other	30	30	0	0.00%	<5	<5	<5	Short-term on-the-job training	\$23,487	\$8.3 - 13.65

# Occupational Projections for Southwest Wisconsin, 2003-2005

SOC Code	Occupational Title	Est. employment		Change		Annual average			Typical education or training path	Annual average wage	Middle 50 percent hourly wage range
		2003	2005	Numeric	Percent	New Jobs	Replacements	Total Openings			

## Notes:

- (1) **Employment** is rounded to the nearest ten, with employment less than five rounded to zero. Totals may not add due to rounding. Employment does not include self-employed, unpaid family workers, or railroad employees.
- (2) **Replacements** are an estimate of the number of job openings expected because people have permanently left a given occupation. Permanent exits occur if someone dies, retires, or otherwise leaves the labor force.  
Permanent exits also include openings resulting from someone permanently changing occupations. For example, a person leaves their job as a cashier and becomes a truck driver. Openings resulting from people changing employers, but staying in the same occupation are not included.
- (3) **Total openings** are the sum of new jobs and replacements.
- (4) **Typical Education and Training Path** gives a general indication of the education or training typically needed in the occupation.  
**There may be other pathways into the occupation, as well as additional educational, training, or licensing requirements.**  
**Short-Term On-the-Job Training:** These occupations require no more than one month of on-the-job training and the training usually happens at the workplace.  
**Moderate-Term On-the-Job Training:** Training for these occupations usually occurs at the workplace and lasts from one to twelve months.  
**Long-Term On-the-Job Training:** These occupations require more than one year of on-the-job training, or combined work experience and classroom instruction.  
**Work Experience in Related Occupation:** Occupations in this category require skills and experience gained in other jobs.  
**Postsecondary Vocational Training:** These formal training programs last from a few weeks to more than a year, and are offered at vocational or technical schools.  
**Associate Degree:** This degree requires two years of full-time academic work beyond high school.  
**Bachelor's Degree:** This degree requires four or five years of full-time academic work at a college or university.  
**Master's Degree:** This degree requires one to two years of full-time study beyond a bachelor's degree.  
**Doctoral Degree:** This degree usually requires at least three years of full-time study beyond a bachelor's degree.  
**First Professional Degree:** These degrees typically require at least two years of full-time study beyond a bachelor's degree.  
**Bachelor's or higher degree, plus work experience:** These occupations require a bachelor's or higher degree, in addition to work experience in a related non-managerial position.
- (5) **Average Annual Salary:** An occupation's average hourly wage is calculated by summing the wages of all employees in a given occupation and then dividing by the total number of employees in that occupation.  
In most cases, the annual average salary is equal to the average hourly wage multiplied by 2,080.
- (6) **Hourly Wage Rate - Middle Range:** The middle range identifies the 25th and 75th percentiles in the hourly wage distribution for a given occupation.  
Fifty percent of the workers in the occupation earn wages in this range. In most cases, the entry level wage is at or below the 25th percentile.
- (7) This code is specific to the Occupational Employment Statistics (OES) Survey and is not an official SOC code.
- (8) 33-2020 includes employment for 33-2021 and 33-2022. Education/training and wages are shown individually, if available.  
47-5040 includes employment for 47-5041 and 47-5042. Education/training and wages are shown individually, if available.  
51-8010 includes employment for 51-8011, 51-8012, and 51-8013. Education/training and wages are shown individually, if available.  
53-6099 includes employment for 53-5031, 53-6011, and 53-6041. Education/training and wages are shown individually, if available.
- (9) Depending upon the specific position and employer either a bachelor's degree or an associate degree are most common.

\* Data is suppressed to preserve the confidentiality of employers

Information is derived using the May 2003 OES Survey, 2003 QCEW and 2003 CES (3/03 Benchmark) data. Unpublished data from the US Bureau of Labor Statistics and US Census Bureau was also used.

To the extent possible, the projections take into account anticipated changes in Wisconsin's economy from 2003 to 2005. It is important to note that unanticipated events may affect the accuracy of these projections.

**Source: Office of Economic Advisors, Wisconsin Department of Workforce Development, September 2004**

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